

## CLAIMS

What is claimed is:

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1. A method of displaying an image comprising the steps of:  
providing a matrix liquid crystal display;  
writing an image to the display;  
clearing the image from the display;  
flashing a light source; and  
repeating the steps of writing, clearing and  
flashing to produce a second image.
  2. The method of displaying an image of claim 1 further comprising the steps of allowing the liquid crystal image to rotate towards an equilibrium prior to flashing the light source.
  3. The method of displaying an image of claim 2 wherein the flashing of the light source ends before the writing of the next image.
  4. The method of displaying an image of claim 2 wherein the flashing of the light source continues for a specific time period of the writing of the next image.
  5. The method of displaying an image of claim 1 wherein the matrix liquid crystal display is an active matrix liquid crystal display having a plurality of pixel electrodes, a counterelectrode and an interposed liquid crystal.
  6. The method of displaying an image of claim 5 wherein the step of clearing the image from the display comprises the step of intializing the pixel electrodes to a set voltage.

7. The method of displaying an image of claim 6 wherein the flash ends a set time period after the step of initializing the pixel electrodes to a set voltage.
- 5 8. The method of displaying an image of claim 1 wherein the clearing the image is varying the voltage of the counterelectrode.
9. The method of displaying an image of claim 8 wherein the flash ends a set time period after the step of varying of the counterelectrode.
- 10 10. A method of controlling a liquid crystal in a display comprising the following steps:
- providing an active matrix circuit having an array of transistor circuits formed in a first plane, each transistor circuit being connected to a pixel electrode in an array of pixel electrodes, and a counterelectrode panel extending in a second plane that is parallel to the first plane, such that the counterelectrode panel receives an applied voltage;
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- switching the applied voltage to the counterelectrode panel after every subframe.
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11. The method of Claim 10 wherein the voltage of the counterelectrode varies by twice the amplitude as the video.
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25 12. ~~A method of writing an image to a liquid crystal display comprising the steps of:~~
- providing an active matrix liquid crystal display having a plurality of pixel electrodes, a counterelectrode and an interposed liquid crystal
- setting a voltage to each pixel electrode;
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- allowing the liquid crystal to rotate towards an equilibrium, and

flashing a backlight; and  
initializing the pixel electrodes to a set  
voltage.

13. The method of claim 12 wherein the liquid crystal is  
5 driven black and the pixel electrodes are initialized  
to a clear state.

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14. The method of claim 12 further comprising the steps  
of:

10 repeating the setting, rotating, flashing and  
driving for each color subframe of the image; and  
sensing the properties of the liquid crystal; and  
heating the liquid crystal between frames when  
required.

- 15 15. The method of claim 12 further comprising the step of  
repeating the setting, rotating, flashing and driving  
for each color subframe of the image at a rate of over  
165 subframes per second.

- 20 16. The method of claim 13 further comprising the steps  
of:  
repeating the setting, rotating, flashing and  
driving for each color subframe of the image at a rate  
of over 165 subframes per second; and  
25 sensing the properties of the liquid crystal; and  
heating the liquid crystal between frames when  
required.

17. ~~The method of claim 16 further comprising the steps of:~~

~~providing a portable display system having a housing carrying the liquid crystal display; and~~

5 ~~operating at least at 15 MHz a memory card reader located within the housing for displaying video on the display from a memory card that docks with the card reader.~~

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